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NEWS

FROM AIR CONDITIONING AND REFRIGERATION INSTITUTE • 1815 N. FORT MYER DRIVE, ARLINGTON, VIRGINIA 22209

FOR IMMEDIATE RELEASE
November 12, 1980

SEPTEMBER UNITARY SHIPMENTS SHOW DECREASE OF 3.9 PERCENT

ARLINGTON, VIRGINIA ---- September U. S. shipments of unitary air-conditioners and heat pumps were 166,095. This was a decrease of 3.9 percent from September 1979. Year-to-date shipments were 1,669,986, down 21.4 percent as compared to January-September figures a year ago.

Included in the total figures were September shipments of heat pumps which were 34,539. This is a decrease of 14.0 percent from shipments in September 1979. The cumulative shipments for heat pumps for the first 9 months of 1980 were 315,814. This is a decrease of 22.6 percent from the same period of 1979.

September factory stocks are up 1,000 units over August and are down about 135,000 units from September 1979.

September distributor shipments were down 13.9 percent from September a year ago. The year-to-date shipments are down 15.5 percent. Distributor inventories are down 21,000 units compared to August and are down some 87,000 units from September 1979.

September U. S. dollar bookings of hermetic centrifugals were up 41.0 percent, thus making the year-to-date up 16.0 percent compared with 1979. September U. S. dollar bookings of reciprocating liquid chillers were up 4.0 percent with a year-to-date loss of 9.0 percent.

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33/80

AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

Date SEPTEMBER, 1980

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			% CHGE. FROM 1979
			CONDENSER-TYPE			
			AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	
CONDENSED SUMMARY BY SIZE	Under 16.5		2355		2355	49.1+
	16.5-21.9		13724	12	13736	5.0-
	22-26.9		32288	1	32289	9.1+
	27-32.9		30243	27	30270	.8+
	33-38.9		39105	19	39124	.4+
	39-43.9		13026	10	13036	13.5-
	44-53.9		15099		15099	12.0-
	54-64.9		12859	170	13029	17.8-
	65-96.9		2411	48	2459	37.5-
	97-134.9		2104	35	2139	30.1-
	135-184.9		1233	38	1271	11.2-
	185-249.9		417	9	426	34.0-
	250-319.9		361	9	370	25.7-
	320-379.9		116	16	132	30.9-
	380-539.9		125	9	134	20.2-
	540-639.9		68	1	69	14.8-
	640 and over		157		157	84.7+
	TOTAL		165691	404	166095	3.9-

NEWS

FROM AIR CONDITIONING AND REFRIGERATION INSTITUTE • 1815 N. FORT MYER DRIVE, ARLINGTON, VIRGINIA 22209

FOR FURTHER INFORMATION CONTACT: RAY DURAZO (703) 524-8800

FOR IMMEDIATE RELEASE
January 6, 1981

ARI ANNOUNCES OCTOBER UNITARY SHIPMENTS

October U.S. shipments of unitary air-conditioners and heat pumps were 194,515. This was a decrease of 3.2% from October 1979. Year-to-date shipments were 1,864,501, down 19.9% as compared to January-October figures a year ago.

Included in the total figures were October shipments of heat pumps which were 37,726. This is a decrease of 30% compared to shipments in October 1979. The cumulative shipments for heat pumps for the ten months of 1980 were 353,540. This is a decrease of 23.4% compared to the same period of 1979.

October factory stocks are down 5,000 units from September and are down about 152,000 units compared to October, 1979.

October distributor shipments were up 2% over October a year ago. The year-to-date shipments are down 14%. Distributor inventories are down 17,000 units compared to September and are down some 97,000 units from October, 1979.

October U.S. dollar bookings of large tonnage liquid chillers were down 23%, thus making the year-to-date up 10% compared with 1979.

October U.S. dollar bookings of reciprocating liquid chillers were up 52% with a year-to-date loss of 5%.

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

Date OCTOBER, 1980

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			
			CONDENSER-TYPE		U.S. TOTAL C	% CHGE. FROM 1979
			AIR OR EVAP. COOLED A	WATER COOLED B		
CONDENSED SUMMARY BY SIZE	Under 16.5		1252		1252	39.8-
	16.5-21.9		19141	5	19146	.4-
	22-26.9		44140	6	44146	16.5+
	27-32.9		36202	9	36211	2.8+
	33-38.9		42238	54	42292	3.5-
	39-43.9		12962	24	12986	32.9-
	44-53.9		15749		15749	7.0-
	54-64.9		15002	135	15137	4.2-
	65-96.9		2495	65	2560	31.1-
	97-134.9		2132	70	2202	31.1-
	135-184.9		1354	78	1432	24.0-
	185-249.9		471	13	484	22.6-
	250-319.9		293	12	305	10.8-
	320-379.9		210	8	218	5.8+
	380-539.9		192	5	197	39.2-
	540-639.9		79	5	84	40.8-
	640 and over		113	1	114	6.6-
	TOTAL		194025	490	194515	3.2-

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FOR FURTHER INFORMATION CONTACT: RAY DURAZO (703) 524-8800

FOR IMMEDIATE RELEASE
January 27, 1981

ARI ANNOUNCES NOVEMBER UNITARY SHIPMENTS

November U.S. shipments of unitary air-conditioners and heat pumps were 152,559. This was a decrease of 7% from November, 1979. Year-to-date shipments were 2,017,060, down 19% as compared to January-November figures a year ago.

Included in the total figures were November shipments of heat pumps which were 36,750. This is a decrease of 9% compared to shipments in November, 1979. The cumulative shipments for heat pumps for the first 11 months of 1980 were 390,290. This is a decrease of 22% from the same period of 1979.

November factory stocks were up 2,500 units over October and are down about 144,000 units compared to November, 1979.

November distributor shipments were down 4% from November a year ago. The year-to-date shipments are down 13%. Distributor inventories are up 13,500 units compared to October and are down some 103,000 units from November, 1979.

November U.S. dollar bookings of large tonnage liquid chillers were down 24%, thus making the year-to-date up 6% compared with 1979.

November U.S. dollar bookings of reciprocating liquid chillers were down 1% with a year-to-date loss of 4%.

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Date NOVEMBER, 1980

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

	SIZE BTUH (000)		UNITED STATES NUMBER OF UNITS CONDENSER-TYPE AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	
CONDENSED SUMMARY BY SIZE	Under 16.5		2184		2184	17.7-
	16.5-21.9		15870	19	15889	10.4+
	22-26.9		31769	2	31771	7.9+
	27-32.9		27089	25	27114	2.9-
	33-38.9		31283	29	31312	19.6-
	39-43.9		12262	19	12281	14.2-
	44-53.9		12389		12389	19.8-
	54-64.9		12173	138	12311	2.6-
	65-96.9		2878	61	2939	16.3-
	97-134.9		1794	35	1829	14.3-
	135-184.9		1050	52	1102	28.8-
	185-249.9		517	24	541	.4+
	250-319.9		314	18	332	43.1-
	320-379.9		192	3	195	8.9-
	380-539.9		132	7	139	38.2-
	540-639.9		94	2	96	19.3-
	640 and over		133	2	135	3.8+
	TOTAL		152123	436	152559	7.4-

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From Air-Conditioning and Refrigeration Institute • 1815 N. Fort Myer Drive, Arlington, Virginia 22209
For further information contact: Ray Durazo or Susan Queeney (703) 524-8800 Telex: 89-2351

PRESS RELEASE

FOR IMMEDIATE RELEASE

MARCH 5, 1981

DECEMBER UNITARY SHIPMENTS ANNOUNCED BY ARI

December U.S. shipments of unitary air-conditioners and heat pumps were 149,654. This was a decrease of 21% from December, 1979. Full year shipments were 2,166,714, down 19.2% as compared to January-December figures a year ago.

Included in the total figures were December shipments of heat pumps which were 32,539. This is a decrease of 28.3% compared to shipments in December, 1979. The cumulative shipments for 1980 were 442,829. This is a decrease of 19.1% from 1979.

December factory stocks were up 33,000 units over November and were down about 102,000 units compared to December, 1979.

December distributor shipments were down 12% from December a year ago. The full year shipments were down 13%.

Distributor inventories were down 15,000 units compared to November and were down some 129,000 units from December, 1979.

December U.S. dollar bookings of Large Tonnage Liquid Chillers were up 38%, thus making the full year up 7% compared with 1979.

December U.S. dollar bookings of reciprocating liquid chillers were up 3% with a full year loss of 4%.

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

Date DECEMBER, 1980

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			
			CONDENSER-TYPE			
			AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHGE. FROM 1979
CONDENSED SUMMARY BY SIZE	Under 16.5		1662		1662	38.8-
	16.5-21.9		15427	78	15505	23.8-
	22-26.9		31559	4	31563	11.4-
	27-32.9		25921	30	25951	26.4-
	33-38.9		31177	114	31291	21.9-
	39-43.9		11125	62	11187	28.4-
	44-53.9		13349	2	13351	17.8-
	54-64.9		12244	86	12330	16.3-
	65-96.9		2593	74	2667	21.0-
	97-134.9		1659	26	1685	31.9-
	135-184.9		1185	44	1229	1.6-
	185-249.9		421	10	431	34.3-
	250-319.9		290	3	293	29.2-
	320-379.9		161	39	200	35.5-
	380-539.9		119	6	125	38.7-
	540-639.9		63		63	42.7-
	640 and over		121		121	13.1+
	TOTAL		149076	578	149654	21.0-

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PRESS RELEASE

FOR IMMEDIATE RELEASE

MARCH 30, 1981

JANUARY UNITARY SHIPMENTS ANNOUNCED BY ARI

January U.S. shipments of unitary air-conditioners and heat pumps were 188,891. This was a decrease of 2.2% from January, 1980.

Included in the total figures were January shipments of heat pumps which were 44,344. This is an increase of 13.9% compared to shipments in January, 1980.

January factory stocks are down 3,000 units from December and are down about 137,000 units compared to January, 1980.

January distributor shipments were down 7% from January a year ago. Distributor inventories are up 44,000 units compared to December and are down some 122,000 units from January, 1980.

January U.S. dollar bookings of Large Tonnage Liquid Chillers were down 6%, and U.S. dollar bookings of reciprocating liquid chillers were down 6%.

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For further information contact: Ray Durazo or Susan Queeney (703) 524-8800 Telex: 89-2351

FOR IMMEDIATE RELEASE
April 29, 1981

ARI ANNOUNCES FEBRUARY UNITARY SHIPMENTS

ARLINGTON, VIRGINIA ----- U. S. shipments of unitary conditioners and heat pumps were 195,374. This was an increase of 6.5% over February, 1980. Year-to-date shipments were 384,265, up 2.0% as compared to January-February figures a year ago.

Included in the total figures were February shipments of heat pumps which were 40,531. This is a decrease of .6% compared to shipments in February, 1980. The cumulative shipments for heat pumps for the first two months of 1981 were 84,875. This is an increase of .6% from the same period of 1980.

February factory stocks are up 18,940 units from January and are down about 149,000 units compared to February, 1980.

February distributor shipments were down 7.0% from February a year ago. The year-to-date shipments are down 7.0%.

Distributor inventories are up 37,000 units compared to January and are down some 98,000 units from February, 1980.

February U.S. dollar bookings of Large Tonnage Liquid Chillers were down 29.0%, thus making the year-to-date down 28.0% compared with 1980.

February U.S. dollar bookings of reciprocating liquid chillers were up 1.0% with a year-to-date loss of 3.0%.

27/81

AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

Date FEB., 1981

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			
			CONDENSER-TYPE			
			AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHGE. FROM 1980
CONDENSED SUMMARY BY SIZE	Under 16.5		2845		2845	5.8+
	16.5-21.9		20168	14	20182	22.9+
	22-26.9		40728	3	40731	14.5+
	27-32.9		37309	9	37318	1.0+
	33-38.9		41865	52	41917	3.5+
	39-43.9		14088	17	14105	6.4+
	44-53.9		16920		16920	17.0+
	54-64.9		14350	183	14533	5.7-
	65-96.9		2513	81	2594	12.3-
	97-134.9		1814	49	1863	16.6-
	135-184.9		1226	37	1263	6.2-
	185-249.9		407	8	415	29.5-
	250-319.9		232	6	238	38.5-
	320-379.9		121	13	134	19.8-
	380-539.9		131	3	134	53.5-
	540-639.9		92	1	93	8.1+
	640 and over		88	1	89	36.9-
	TOTAL		194897	477	195374	6.5

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FOR IMMEDIATE RELEASE
May 15, 1981

ARI ANNOUNCES MARCH UNITARY SHIPMENTS

March U.S. shipments of unitary air-conditioners and heat pumps were 229,808. This was an increase of 10.9% over March, 1980. Year-to-date shipments were 614,073, up 5.2% as compared to January-March figures a year ago.

Included in the total figures were March shipments of heat pumps which were 46,385. This is an increase of 3.7% compared to shipments in March, 1980. The cumulative shipments for heat pumps for the first 3 months of 1981 were 131,260. This is an increase of 5.5% over the same period of 1980.

March factory stocks are down 67 units from February and are down about 177,000 units compared to March, 1980.

March distributor shipments were up 6.0% over March a year ago. The year-to-date shipments are down 3.0%.

Distributor inventories are up 32,000 units compared to February and are down some 86,000 units from March 1980.

March U.S. dollar bookings of Large Tonnage Liquid Chillers were down 5.0% thus making the year-to-date up 2.0% compared with 1980.

March U.S. dollar bookings of reciprocating liquid chillers were up 8.0% with a year-to-date gain of 2.0%.

33/81

AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

Date MARCH, 1981

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			
			CONDENSER-TYPE			
			AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHGE. FROM 1980
CONDENSED SUMMARY BY SIZE	Under 16.5		2186		2186	5.5+
	16.5-21.9		19564	22	19586	6.3+
	22-26.9		44466		44468	17.9+
	27-32.9		46911	27	46938	19.6+
	33-38.9		54458	90	54548	20.7+
	39-43.9		17704	27	17731	.7-
	44-53.9		19413		19413	4.3-
	54-64.9		16868	92	16960	1.6+
	65-96.9		3016	73	3089	12.0-
	97-134.9		2168	69	2237	18.0-
	135-184.9		1180	32	1212	21.9-
	185-249.9		503	51	554	25.5-
	250-319.9		343	5	348	18.5-
	320-379.9		182	19	201	26.1-
	380-539.9		118	9	127	53.6-
	540-639.9		99	1	100	13.8-
	640 and over		110		110	17.3-
	TOTAL		229291	517	229808	10.9

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FOR IMMEDIATE RELEASE
April 29, 1981

ARI REPORTS 1980 RESIDENTIAL INSTALLATIONS OF UNITARY EQUIPMENT INCREASED AND COMMERCIAL INSTALLATIONS DECREASED

ARLINGTON, VIRGINIA ---- Shipments of unitary air-conditioning equipment for use in residential installations decreased 20.3% in 1980 and commercial installations decreased 14.6% from 1979 figures, the Air-Conditioning and Refrigeration Institute announced this week.

There were 1,720,849 residential units shipped last year, accounting for 79.4% of installations. A total of 445,865, or 20.6% were for commercial installations.

The 1980 figures are in marked contrast to those posted in 1953, the first year for which statistics were available, when 66.9% of total unitary shipments went into commercial installations and only 33.1% into residential. However, the residential share passed the commercial portion two years later when it accounted for 56.5% of units shipped and has steadily drawn away from commercial installations.

The following tabulation shows the changing pattern in the shares of residential and commercial applications, and of exports, the latter first being reported in 1960.

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		% of Total
1953		
Total	126,813	
Residential	41,992	33.1
Commercial	84,821	66.9
1954		
Total	160,909	
Residential	80,001	49.7
Commercial	80,908	50.3
1955		
Total	196,861	
Residential	111,158	56.5
Commercial	85,703	43.5
1956		
Total	254,403	
Residential	147,224	57.9
Commercial	107,179	42.1
1957		
Total	217,042	
Residential	126,071	58.1
Commercial	90,971	41.9
1958		
Total	230,541	
Residential	140,988	61.2
Commercial	89,553	38.8
1959		
Total	306,814	
Residential	191,923	62.6
Commercial	114,891	37.4

		% of U.S.
1960		
Total Shipments	350,442	
Export	9,300	
Total U.S.	341,122	
Residential	217,148	63.7
Commercial	123,974	36.3
1961		
Total Shipments	365,764	
Export	9,558	
Total U.S.	356,206	
Residential	238,206	66.9
Commercial	118,000	33.1
1962		
Total Shipments	467,719	
Export	12,211	
Total U.S.	455,508	
Residential	305,190	67.0
Commercial	150,318	33.0
1963		
Total Shipments	580,099	
Export	14,444	
Total U.S.	565,655	
Residential	400,759	70.8
Commercial	164,896	29.2
1964		
Total Shipments	701,569	
Export	17,233	
Total U.S.	684,336	
Residential	483,593	70.7
Commercial	200,743	29.3
1965		
Total Shipments	826,422	
Export	20,682	
Total U.S.	805,740	
Residential	580,997	72.1
Commercial	224,743	27.9

		% of U.S.
1966		
Total Shipments	958,546	
Export	20,663	
Total U.S.	937,883	
Residential	652,736	69.6
Commercial	285,147	30.4
1967		
Total Shipments	1,047,231	
Export	25,179	
Total U.S.	1,022,052	
Residential	714,025	69.9
Commercial	308,027	30.1
1968		
Total Shipments	1,234,611	
Export	30,412	
Total U.S.	1,204,199	
Residential	847,387	70.4
Commercial	356,812	29.6
1969		
Total Shipments	1,635,025	
Export	33,681	
Total U.S.	1,601,344	
Residential	1,174,570	73.3
Commercial	426,774	26.7
1970		
Total Shipments	1,616,018	
Export	44,027	
Total U.S.	1,571,991	
Residential	1,172,223	74.6
Commercial	399,768	25.4

		% of U.S.
1971		
Total Shipments	1,876,879	
Export	43,561	
Total U.S.	1,833,318	
Residential	1,408,413	76.8
Commercial	424,905	23.2
1972		
Total Shipments	2,436,455	
Export	44,125	
Total U.S.	2,392,330	
Residential	1,826,519	76.3
Commercial	565,811	23.7
1973		
Total Shipments	2,839,434	
Export	71,642	
Total U.S.	2,767,792	
Residential	2,147,546	77.6
Commercial	620,246	22.4
1974		
Total Shipments	2,488,828	
Export	99,404	
Total U.S.	2,389,424	
Residential	1,889,577	79.1
Commercial	499,847	20.9
1975		
Total Shipments	1,622,497	
Export	81,013	
Total U.S.	1,541,484	
Residential	1,174,578	76.2
Commercial	366,906	23.8

		% of U.S.
1976		
Total Shipments	2,327,559	
Export	168,349	
Total U.S.	2,159,210	
Residential	1,700,682	78.8
Commercial	458,528	21.2
1977		
Total Shipments	2,615,121	
Export	150,681	
Total U.S.	2,464,440	
Residential	1,999,924	81.2
Commercial	464,516	18.8
1978		
Total Shipments	2,821,479	
Export	106,842	
Total U.S.	2,714,637	
Residential	2,284,530	84.2
Commercial	430,107	15.8
1979		
Total Shipments	2,793,910	
Export	113,313	
Total U.S.	2,680,597	
Residential	2,158,237	80.5
Commercial	522,360	19.5
1980		
Total Shipments	2,293,080	
Export	126,366	
Total U.S.	2,166,714	
Residential	1,720,849	79.4
Commercial	445,865	20.6

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From Air-Conditioning and Refrigeration Institute • 1815 N. Fort Myer Drive, Arlington, Virginia 22209
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FOR IMMEDIATE RELEASE
May 1, 1981

ARI REPORTS VALUE OF UNITARY AIR-CONDITIONING EQUIPMENT 5.1 BILLION DOLLARS DURING 1980

ARLINGTON, VIRGINIA ----- The installed value of unitary air-conditioning equipment in the United States during 1980 decreased by 12.6% from the 1979 installed value, the Air-Conditioning and Refrigeration Institute reported recently.

Installed value of unitary equipment reached $5,186,009,664 down from the 1979 figure of $5,936,442,921.

Commercial installation accounted for $1,830,580,224 of the total while residential unitary installed value came to $3,355,429,440, according to estimates compiled by ARI's Business Research Department from information supplied by manufacturers.

"Installed value" covers not only the cost of unitary air-conditioners as shipped from the factory, but also labor, ductwork, registers and grilles, thermostatic and other controls, electrical wiring and other components of the system which is engineered by the contractor or dealer.

"Unitary" represents the equipment used in most central residential installations plus some commercial and industrial installations which use packaged equipment.

.....more.....

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The totals below show the growth of the unitary air-conditioning market over the past 25 years, particular central residential installations:

ESTIMATED INSTALLED VALUE OF UNITARY AIR-CONDITIONERS

YEAR	RESIDENTIAL	COMMERCIAL	TOTAL
1956	$ 174,011,400	$ 290,796,100	$ 464,807,500
1957	176,230,800	226,582,300	402,813,100
1958	204,602,850	219,489,200	424,092,050
1959	266,675,850	283,136,700	549,812,550
1960	318,477,150	312,648,350	631,125,500
1961	338,139,000	280,286,300	618,425,300
1962	408,623,850	345,652,300	754,276,150
1963	451,360,800	390,610,800	841,971,600
1964	532,020,800	464,249,600	996,270,400
1965	632,567,600	543,029,600	1,175,597,200
1966	718,252,000	671,604,400	1,389,856,400
1967	783,604,000	749,020,000	1,532,624,000
1968	950,191,600	834,616,000	1,784,807,600
1969	1,295,766,400	981,417,200	2,277,183,600
1970	1,360,817,315	986,784,758	2,347,602,073
1971	1,649,497,029	1,095,759 074	2,745,256,103
1972	2,163,792,878	1,352,464,750	3,516,257,628
1973	2,582,223,238	1,570,293,453	4,152,516,691
1974	2,433,902,714	1,477,470,080	3,911,372,794
1975	1,791,216,492	1,164,231,182	2,955,447,674
1976	2,683,372,806	1,437,146,797	4,120,519,603
1977	3,264,487,814	1,541,671,701	4,806,159,515
1978	3,940,958,613	1,587,475,305	5,528,433,918
1979	3,990,624,988	1,945,812,933	5,936,442,921
1980	3,355,429,440	1,830,580,224	5,186,009,644

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6/21/81 H 0300-1

News

From Air-Conditioning and Refrigeration Institute • 1815 N. Fort Myer Drive, Arlington, Virginia 22209
For further information contact: Ray Durazo or Susan Queeney (703) 524-8800 Telex: 89-2351

FOR IMMEDIATE RELEASE
June 17, 1981

ARI ANNOUNCES APRIL UNITARY SHIPMENTS

April U.S. shipments of unitary air-conditioners and heat pumps were 234,917. This was an increase of 32.5% over April, 1980. Year-to-date shipments were 848,990, up 11.5% as compared to January-April figures a year ago.

Included in the total figures were April shipments of heat pumps which were 47,594. This is an increase of 29.8% compared to shipments in April, 1980. The cumulative shipments for heat pumps for the first 4 months of 1981 were 178,854. This is an increase of 11.0% over the same period of 1980.

April factory stocks are up 16,700 units over March and are down about 186,000 units compared to April, 1980.

April distributor shipments were up 57.0% over April a year ago. The year-to-date shipments are up 12.0% .

Distributor inventories are down 22,000 units compared to March and are down some 121,000 units from April, 1980.

April U.S. dollar bookings of large tonnage liquid chillers were up 135.0% thus making the year-to-date up 12.0% compared with 1980.

April U.S. dollar bookings of reciprocating liquid chillers were up 31.0% with a year-to-date gain of 11.0%.

DATE: APRIL, 1981

AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			
			CONDENSER-TYPE			
			AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHGE. FROM 1980
CONDENSED SUMMARY BY SIZE	Under 16.5		1792		1792	37.7-
	16.5-21.9		20849	20	20869	26.3+
	22-26.9		47713	8	47721	39.7+
	27-32.9		46610	39	46649	41.6+
	33-38.9		52653	149	52802	40.8+
	39-43.9		18707	30	18737	32.8+
	44-53.9		19471		19471	26.8+
	54-64.9		17025	227	17252	17.9+
	65-96.9		3761	146	3907	17.9+
	97-134.9		2449	91	2540	4.3-
	135-184.9		1690	54	1744	16.7+
	185-249.9		492	31	523	17.0-
	250-319.9		322	23	345	14.2-
	320-379.9		163	13	176	29.9-
	380-539.9		170	6	176	25.4-
	540-639.9		78	7	85	6.6-
	640 and over		122	6	128	.8-
	TOTAL		234067	850	234917	32.5

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FOR IMMEDIATE RELEASE
July 10, 1981

ARI ANNOUNCES MAY UNITARY SHIPMENTS

May U. S. shipments of unitary air-conditioners and heat pumps were 241,033. This was an increase of 55.6% over May 1980. Year-to-date shipments were 1,090,023, up 19.0% as compared to January-May figures a year ago.

Included in the total figures were May shipments of heat pumps which were 45,841. This is an increase of 65.3% compared to shipments in May, 1980. The cumulative shipments for heat pumps for the first 5 months of 1981 were 224,695. This is an increase of 18.9% over the same period of 1980.

May factory stocks are down 4,000 units from April and are down about 188,000 units compared to May 1980.

May distributor shipments were up 61.0% over May a year ago. The year-to-date shipments are up 21.0%. Distributor inventories are down 11,000 units compared to April and are down some 130,000 units from May, 1980.

May U. S. dollar bookings of Large Tonnage Liquid Chillers were down 21%, thus making the year-to-date up 7% compared with 1980.

May U. S. dollar bookings of reciprocating liquid chillers were up 3% with a year-to-date gain of 17%.

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Date MAY, 1981

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			
			CONDENSER-TYPE		U.S. TOTAL C	% CHGE. FROM 1980
			AIR OR EVAP. COOLED A	WATER COOLED B		
CONDENSED SUMMARY BY SIZE	Under 16.5		2380		2380	19.1-
	16.5-21.9		18850	22	18872	31.5+
	22-26.9		46540	25	46565	59.0+
	27-32.9		45607	43	45650	72.3+
	33-38.9		54468	149	54617	65.4+
	39-43.9		23826	25	23851	107.9+
	44-53.9		19032		19032	39.1+
	54-64.9		18961	164	19125	40.2+
	65-96.9		5065	108	5173	37.5+
	97-134.9		2687	83	2770	6.0+
	135-184.9		1540	74	1614	9.0-
	185-249.9		488	24	512	27.1-
	250-319.9		264	17	281	42.3-
	320-379.9		167	19	186	17.7-
	380-539.9		140	8	148	31.2-
	540-639.9		120	3	123	11.8+
	640 and over		132	2	134	8.9+
	TOTAL		240267	766	241033	55.6

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August 18, 1981

ARI ANNOUNCES JUNE UNITARY SHIPMENTS

June U.S. shipments of unitary air-conditioners and heat pumps were 279,467. This was an increase of 42.3% over June, 1980. Year - to - date shipments were 1,369,490, up 23.1% as compared to January-June figures a year ago.

Included in the total figures were June shipments of heat pumps which were 50,639. This is an increase of 56.2% compared to shipments in June 1980. The cumulative shipments for heat pumps for the first 6 months of 1981 were 275,334. This is an increase of 24.5% over the same period of 1980.

June factory stocks are down 20,000 units from May and are down about 132,000 units compared to June 1980.

June distributor shipments were down 17% over June a year ago. The year - to - date shipments are up 17%. Distributor inventories are up 50,000 units compared to May and are down some 50,000 units from June 1980.

June U. S. dollar bookings of Large tonnage liquid chillers were up 20% thus making the year - to - date up 9% compared with 1980.

June U. S. dollar bookings of reciprocating liquid chillers were up 5% with a year - to - date gain of 14%.

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE

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Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

Date JUNE, 1981

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			
			CONDENSER-TYPE			
			AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHGE. FROM 1980
CONDENSED SUMMARY BY SIZE	Under 16.5		3497		3497	25.0+
	16.5-21.9		20867	33	20900	19.0+
	22-26.9		53039	3	53042	54.6+
	27-32.9		55458	41	55499	59.8+
	33-38.9		68458	134	68592	47.3+
	39-43.9		20593	37	20630	38.6+
	44-53.9		23097		23097	23.6+
	54-64.9		22829	251	23080	34.0+
	65-96.9		4258	126	4384	19.8+
	97-134.9		3094	49	3143	25.1+
	135-184.9		1893	42	1935	24.4+
	185-249.9		546	24	570	9.4-
	250-319.9		412	28	440	3.9-
	320-379.9		246	9	255	1.2-
	380-539.9		175	11	186	22.5-
	540-639.9		106	9	115	2.5-
	640 and over		98	4	102	41.4-
	TOTAL		278666	801	279467	42.3+

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FOR IMMEDIATE RELEASE
September 25, 1981

ARI ANNOUNCES JULY UNITARY SHIPMENTS

July U. S. shipments of unitary air-conditioners and heat pumps were 273,771. This was an increase of 26.7% over July, 1980. Year-to-date shipments were 1,643,261, up 23.7% as compared to January-July figures a year ago.

Included in the total figures were July shipments of heat pumps which were 52,264. This is an increase of 70.8% compared to shipments in July, 1980. The cumulative shipments for heat pumps for the first 7 months of 1981 were 367,598. This is an increase of 30.1% over the same period of 1980.

July factory stocks are up 8,000 units over June and are down about 41,000 units compared to July, 1980.

July distributor shipments were down 6.0% from July a year ago. The year-to-date shipments are up 12%. Distributor inventories are down 5,000 units compared to June and are up 25,000 units over July 1980.

July U. S. dollar bookings of Large Tonnage Liquid Chillers were up 29%, thus making the year-to-date up 11% compared with 1980.

July U. S. dollar bookings of reciprocating liquid chillers were up 39% with a year-to-date gain of 18%.

AIR-CONDITIONING AND REFRIGERATION INSTITUTE

315 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

Date JULY, 1981

CONDENSED SUMMARY BY SIZE

SIZE BTUH (000)	UNITED STATES NUMBER OF UNITS CONDENSER-TYPE AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHGE. FROM 1980
Under 16.5	2665		2665	80.3+
16.5-21.9	23150	16	23166	43.2+
22-26.9	56100	13	56113	31.5+
27-32.9	50670	20	50690	22.1+
33-38.9	63738	175	63913	17.2+
39-43.9	20151	27	20178	34.4+
44-53.9	23495		23495	29.6+
54-64.9	22129	293	22422	27.8+
65-96.9	4109	144	4253	21.4+
97-134.9	3141	125	3266	30.2+
135-184.9	1862	54	1916	32.4+
185-249.9	650	49	699	5.6+
250-319.9	358	18	376	29.2+
320-379.9	197	17	214	18.6-
380-539.9	177	5	182	10.3+
540-639.9	111	1	112	103.6+
640 and over	111		111	15.9-
TOTAL	272814	957	273771	26.7

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10/14/81

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FOR IMMEDIATE RELEASE

October 13, 1981

ARI ANNOUNCES AUGUST SHIPMENTS

August U.S. shipments of unitary air-conditioners and heat pumps were 169,984. This was a decrease of 3.0% from August, 1980. Year-to-date shipments were 1,813,245, up 20.6% as compared to January-August figures a year ago.

Included in the total figures were August shipments of heat pumps which were 32,011. This ia an increase of 8.7% compared to shipments in August 1980. The cumulative shipments for heat pumps for the first 8 months of 1981 were 359,609. This is an increase of 27.8% over the same period of 1979.

August factory stocks are down 38,000 units from July and are up about 10,000 units compared to August 1980.

August distributor shipments were down 17% from August a year ago. The year-to-date shipments are up 8%.

Distributor inventories are down 26,000 units compared to July and are up some 59,000 units over from August 1980.

August U.S. dollar bookings of Large Tonnage Liquid Chillers were up 155%, thus making the year-to-date up 24% compared with 1980.

August U.S. dollar bookings of reciprocating liquid chillers were up 55% with a year-to-date gain of 22%.

AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Date AUGUST, 1981

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS: CONDENSER-TYPE: AIR OR EVAP. COOLED A	NUMBER OF UNITS: CONDENSER-TYPE: WATER COOLED B	U.S. TOTAL C	% CHGE. FROM 1980
CONDENSED SUMMARY BY SIZE	Under 16.5		1668		1668	70.2+
	16.5-21.9		12193	4	12197	14.1-
	22-26.9		32586		32586	.7-
	27-32.9		31030	17	31047	7.2-
	33-38.9		42136	69	42205	4.2-
	39-43.9		14128	37	14165	7.6+
	44-53.9		15141		15141	.4-
	54-64.9		13342	98	13440	6.6-
	65-96.9		2990	82	3072	23.9+
	97-134.9		2199	69	2268	22.3+
	135-184.9		1110	37	1147	15.1-
	185-249.9		404	16	420	20.6-
	250-319.9		269	13	282	3.4-
	320-379.9		89	21	110	42.1-
	380-539.9		98	4	102	22.7-
	540-639.9		41	2	43	49.4-
	640 and over		90	1	91	32.1-
	TOTAL		169514	470	169984	3.0-

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